

AMENDMENTS TO THE SPECIFICATION

On page 1, before line 1, please insert the following heading:

FIELD OF THE INVENTION

On page 1, before line 5, please insert the following heading:

BACKGROUND OF THE INVENTION

Please amend the paragraph on page 1, line 22-31, as follows:

In the solution as ~~elaimed~~ shown in figure 1, the shape of the coils of the inductor 3 is improved so as to adapt the value of the magnetic field at the edges 2 of the strip 1. In the solution thus illustrated, the inductor has a "dog bone" shape designed to apply a weaker magnetic field at the edges 2 of the strip than at the center of the latter. The drawback of this known solution lies in that it can generate perfect heating only for a defined width of the metal strip 1 to be heated.

On page 2, before line 9, please insert the following heading:

BRIEF DESCRIPTION OF THE INVENTION

On page 2, line 35, please insert the following headings and new paragraphs:

BRIEF DESCRIPTION OF THE FIGURES

Fig. 1 is a partial sectional view of a first prior art induction heating system.

Fig. 2 is a partial sectional view of a second prior art induction heating system.

Fig. 3 is a perspective view of the present invention.

DETAILED DESCRIPTION OF THE INVENTION